1) //	15-00269211	04	SME			
' 3	3'Me Response refatent cooperation treaty					
	From the INTERNATIONAL SEARCHING; AUTHORITY					
_	To: ////8/05 STANLEY M. ERJAVAC HARNESS, DICKEY & PIERCE, P.L.C.			PCT		
	P.O. BOX 828 BLOOMFIELD HILLS, MI 48303			ITTEN OPINION OF THE ONAL SEARCHING AUTHORITY		
				(PCT Rule 43bis.1)		
			Date of mailing (day/month/year)	18 AUG 2005		
	Applicant's or agent's file reference 2115-2692POA International application No. International filing date		FOR FURTHER	ACTION See paragraph 2 below		
			(dav/month/vear)	Priority date (day/month/year)		
	PCT/US04/40321	02 December 2004 (02.		10 December 2003		
	International Patent Classification (I			1 . J DOUGHHOU LOUJ		
	IPC(7): A01H 7/00; C07H 21/04, C	12N 9/00, 9/10, 5/04. and US	Cl.: 435/193, 69.1, 18	3, 320.1; 536/23.2		
	Applicant '					
	THE REGENTS OF THE UNIVERS	SITY OF MICHIGAN				
	1. This opinion contains indication	s relating to the following iten	ns:			
	Box No. I Basis of the opinion					
	Box No. II Priority					
	Box No. III Box No. IV Lack of unity of invention Box No. V Reasoned statement under Rule 43bis.1(a)(i) with applicability; citations and explanations supporting Box No. VI Certain documents cited		gard to novelty, inven	tive step and industrial applicability		
			• • • • •			
	Box No. VII Certain defects in the international ap		plication			
	Box No. VIII Certain	Box No. VIII Certain observations on the international application				
	2. FURTHER ACTION					
	If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.					
	If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.					
	For further options, see Form PC	JI/ISA/220.		,		
	3. For further details, see notes to Form PCT/ISA/220.					
	Name and mailing address of the ISA Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-14		Authorized officer Achutamurthy por	1 3/1		
	Facsimile No. (703) 305-3230		Telephone No. 57	1-2/2-1000		

Form PCT/ISA/237 (cover sheet) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US04/40321

Box No. I Basis of this opinion	
1. With regard to the language, this opinion has been established on the basis of the international application in the language in which i	it
was filed, unless otherwise indicated under this item. This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).	
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:	
a. type of material	
a sequence listing	
table(s) related to the sequence listing	
b. format of material	
in written format	
in computer readable form	
c. time of filing/furnishing	
contained in international application as filed.	
filed together with the international application in computer readable form.	
furnished subsequently to this Authority for the purposes of search.	
Idinished subsequently to ans reactionty for the purposes of search.	
3. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.	
4. Additional comments:	

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

Form PCT/ISA/237 (Box No. V) (January 2004)

International application No. PCT/US04/40321

Box No. V Reasoned statement under Rule applicability; citations and explanations	anations supporting such statement	ve step or industrial
1. Statement		
Novelty (N)	Claims 1-18	YES
	Claims NONE	NO
Inventive step (IS)	Claims 1-18	YES
mventive step (15)	Claims NONE	NO
Industrial applicability (IA)	Claims 1-18 Claims NONE	YES NO
·	Claims NONE	NO
2. Citations and explanations:		
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US04/40321

The following defects in the form or contents of the international application have been noted: Spelling error in claim 15 geraniol is misspelled. In addition the claim depends on claim 16 rather than on claim 14.			
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Form PCT/ISA/237 (Box No. VII) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US04/40321

Box No. VIII	Certain observations on the international application		
	and drawings or the claims of the claims description, and drawings or on the questions whether the claims are fully		

The following observations on the clarity of the claims, description, and drawings or on the questions whether the claim supported by the description, are made: Claims 1, 4, 5, 6, 10-18 are objected to as lacking clarity under PCT Rule 66.2(a)(v) because of the claims are not fully supported by the description. The description does not disclose the claimed invention in a manner sufficiently clear and complete for the claimed invention to be carried out by a person skilled in the art because: the claims are drawn to any polynucleotide encoding a geraniol synthase from any organism (as claimed in claims 1), or any polynucleotide encoding an amino acid which is at least 60% homologous to an amino acid sequence of SEQ ID NO: 2 which encompasses a large number of nucleic acid/amino acid sequences not described in the specification..

Form PCT/ISA/237 (Box No. VIII) (January 2004)